



## INDIANA DEPARTMENT OF TRANSPORTATION

### STANDARDS COMMITTEE MEETING

*Driving Indiana's Economic Growth*

# FINAL AGENDA

September 11, 2008

#### MEMORANDUM

TO: Standards Committee

FROM: Mike Milligan, Secretary

RE: Agenda for the September 18, 2008 Standards Committee Meeting

A Standards Committee meeting is scheduled for 9:00 a.m. on September 18, 2008 in the N755 Bay Window Conference Room. Please enter the meeting through the double doors directly in front of the conference room. The following agenda items are listed for consideration.

Page No.

#### A. GENERAL BUSINESS ITEMS

##### OLD BUSINESS

(No items on this agenda)

##### NEW BUSINESS

1. Approval of August 18, 2008 Minutes

#### B. CONCEPTUAL PROPOSAL ITEMS

##### OLD BUSINESS

(No items on this agenda)

##### NEW BUSINESS

- |                                    |   |
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| 1. 111-Stockpiled Materials        | 3 |
| 2. 207-Lime Subgrade Treatment     | 5 |
| 3. 506-Tie Bars in Patches         | 6 |
| 4. 700-Elastomeric Bearing Devices | 7 |

5. 801-Sign Post Reflectors	8
6. 802-Sign Identification Marking	13

C. RECURRING SPECIAL PROVISIONS PROPOSED ITEMS

Item 08-13-1 203-R-XXX	Mr. Heustis LOCATION OF PROJECT BORROW SITES	15
Item 08-13-2 914-R-555	Mr. Heustis CERTIFICATION OF SOD	16

D. STANDARD SPECIFICATIONS AND STANDARD DRAWINGS PROPOSED ITEMS

OLD BUSINESS

(No items on this agenda)

NEW BUSINESS

Item 08-13-3 105.01	Mr. Kuchler Authority of the Engineer	18
Item 08-13-4 107.08(d)	Mr. Heustis Notice to Local Public Officials	20
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cc: Committee Members (11)  
FHWA (1)

CONCEPTUAL PROPOSAL ITEM

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1. STOCKPILED MATERIALS

CONCEPTUAL  
PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Existing specification contains confusing and conflicting language. INDOT needs to review and consider what materials this specification should apply to.

PROPOSED SOLUTION: Revise specification to simplify language and remove any confusing or conflicting language. Consider addition or deletion of materials paid to be stockpiled. Refer to recent Construction Memorandum 08-11 for more details.

APPLICABLE STANDARD SPECIFICATIONS: Section 111

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: New GIFE 111, existing GIFE 2-14.

APPLICABLE RECURRING SPECIAL PROVISIONS: 111-C-178, 620-R-483, 731-R-202, 732-R-210

Submitted By: Michael A. Milligan (thru Ron Heustis)

Title: Specifications Engineer

Organization: Office of Construction Technical Support  
Division of Construction Management

Phone Number: 317-232-5353

Date: 8-13-2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? 100 Specification Subcommittee

Dennis Kuchler, Co-Chair	State Construction Engineer INDOT, Const. Mgmt.
Steve Thieroff, Co-Chair	INDOT, Field Engr., Div. of Const. Mgmt.
Paul Berebitsky	Indiana Construction Association
Bob Cales	INDOT, Director, Contract Administration
Tony DeSimone	FHWA, Transportation Engineer
Ron Heustis	INDOT, Mgr., Const. Tech. Support, Const. Mgmt.
Von Luhmann	INDOT, Seymour Dist. Const. Project Engineer
Mike Milligan	INDOT, Spec. Engr., Div. of Const. Mgmt.
Jack Riggs	INDOT, Claims Administrator Attorney
Don Thornton	INDOT, Crawfordsville Dist. Const. Area Engr.
David Unkefer	FHWA, Engineering Services Team Leader



## **INDIANA DEPARTMENT OF TRANSPORTATION**

*Driving Indiana's Economic Growth*

### **Memorandum**

August 14, 2008

#### **CONSTRUCTION MEMORANDUM 08-11**

TO: District Deputy Commissioners  
District Construction Engineers  
District Testing Engineers  
District Area Engineers  
Project Engineers/Supervisors

FROM: Mark A. Miller, Director *MAM*  
Division of Construction Management

SUBJECT: Payment for Stockpiled Materials (Specification Section 111)

The Department has recently received requests from contractors for payment of stockpiled materials on certain projects for materials that have not been paid for in the past or allowed by our current Specification Section 111. These requests cover a wide range of products. INDOT understands that with today's shortages on certain raw materials or with new items such as sound barrier walls, which currently are not listed as a material that can be stockpiled and paid for under Specification 111, we need to be more receptive to these requests.

Keeping the above thoughts in mind, we will be revising Specification Section 111. Until that happens, we will consider payment for stockpiled materials for items not currently addressed in our specifications. The requests will be reviewed and approved on a case by case basis. In order for a product/material to be approved it must still meet the requirements stated in Specification 111.09 and be delivered and stored in an approved facility or location in the vicinity of the project. Please consult with your Construction Management field engineer for assistance in addressing these requests.

MAM:DAK:dak

CONCEPTUAL PROPOSAL ITEM

2. LIME SUBGRADE TREATMENT

CONCEPTUAL  
PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: As a result of SAC 3007 - Post Construction Evaluation of Lime and Cement Modified Soils, the Geotech Section has determined that the CBR factor is permanently raised when chemical stabilization is used. Our current specification for subgrade treatment does not have a type that only allows chemical stabilization. Using a higher CBR value when designing the pavement section will result in a reduction in the overall pavement thickness and the quantity of HMA required.

PROPOSED SOLUTION: Add a Subgrade Treatment Type to Section 207.04 that allows only Chemical Modification to be used.

APPLICABLE STANDARD SPECIFICATIONS: Section 207

APPLICABLE STANDARD DRAWINGS: None

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: No effect on the GIFE

APPLICABLE RECURRING SPECIAL PROVISIONS: None

Submitted By: Tom Harris

Title: Field Engineer, Division of Construction Management

Organization: INDOT

Phone Number: 317-232-4910

Date: August 13, 2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT?

Suggested Members:

Tom Harris, Field Engineer  
Nayarr Zia Siddiki, Geotech  
Kumar Dave, Pavement Design

CONCEPTUAL PROPOSAL ITEM

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3. TIE BARS IN PATCHES

CONCEPTUAL  
PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Mike Koch (Area Engineer, Fort Wayne) called Tom Carrow (co-chairman, "500" subcommittee for concrete pavements) with a question regarding how large a full-depth concrete patch must be before retrofitted tie bars are necessary. There is presently no guidance on this subject in the SS, the Standard Drawings, or the RSP's. It was suggested by Mr. Koch that 10' be used as a maximum length of a PCCP patch before the tie bars are specified. Tom Carrow concurs. Without a standardization of this maximum length, field personnel are left to guess where tie bars are necessary, as their locations are not typically spelled out in contract plans for patching contracts. Standard Drawing 503-CCPJ-08 already details size and spacing necessary for continuous applications (mainline and shoulder pavement); and Drawing 506-CCPP-01 gives many details specific to PCCP patching, but neither address this issue.

PROPOSED SOLUTION: It is Tom Carrow's recommendation to add a note to the "NOTES" section of Standard Drawing 506-CCPP-01 to state: "Patches 10' or greater in length (in the longitudinal direction of the pavement being patched) shall receive retrofitted tie bars in accordance with Standard Dwg. 503-CCPJ-08.

APPLICABLE STANDARD SPECIFICATIONS: 506

APPLICABLE STANDARD DRAWINGS: Shown above

APPLICABLE DESIGN MANUAL SECTION:

APPLICABLE SECTION OF GIFE:

APPLICABLE RECURRING SPECIAL PROVISIONS: None

Submitted By: Tom Carrow

Title: Co-chairman, "500" subcommittee on Rigid Pavements

Organization: INDOT Construction Management

Phone Number: 317-232-5085

Date: August 7, 2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? 500

CONCEPTUAL PROPOSAL ITEM

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4. ELASTOMERIC BEARING DEVICES

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Elastomeric bearing devices are currently standardized only for prestressed-concrete I beams and box beams. There are no standardized devices for prestressed-concrete bulb-tee beams or structural-steel members. These must be independently designed and fabricated each time for each such structure.

PROPOSED SOLUTION: Develop elastomeric-bearing-devices standard details for bulb-tee and structural-steel members. Also, make the currently standardized devices complement those to be newly standardized. Develop a dedicated Standard Specifications section to construction requirements for this work. Revise the Standard Specifications' materials requirements as required for this work. Develop a design policy for this work.

APPLICABLE STANDARD SPECIFICATIONS: 702.03, 711.02, 711.73, Proposed 726, 915.04

APPLICABLE STANDARD DRAWINGS: Existing 707-BEBP-01, -02, -03 become 726-BEBP-01, -02, -03; add proposed 726-BEBP-04, -05, and proposed 726-BEBA-01, -02

APPLICABLE DESIGN MANUAL SECTION: Part 6, Sec. 67-4.03 and 67-4.04

APPLICABLE SECTION OF GIFE:

Submitted By: Anne Rearick

Title: Manager, Office of Structural Services

Organization: INDOT

Phone Number: 2-5152

Date: 8-22-08

CONCEPTUAL PROPOSAL ITEM

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5. SIGN POST REFLECTORS

CONCEPTUAL  
PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Enhance the visibility of important Regulatory signs and Warning Signs by using SIGN POST REFLECTORS. Signs such as STOP signs, STOP AHEAD signs, YIELD signs, YIELD AHEAD signs, WRONG WAY signs, CHEVRONS and CURVE signs can be greatly enhanced by additional illumination.

PROPOSED SOLUTION: Require the use of SIGN POST REFLECTORS. Sign post reflectors are used both in Ohio and Michigan. It is recommended that a standard sheet be developed and the design manual be revised to give guidance on how and when this is to be done.

APPLICABLE STANDARD SPECIFICATIONS: Section 801, 919

APPLICABLE STANDARD DRAWINGS: 801-TCDV-08, 801-TCSN-12, 12A, 13, 802-SNGS-09

APPLICABLE DESIGN MANUAL SECTION: Chapter 75

APPLICABLE SECTION OF GIFE: N/A

Submitted By: John Wright

Title: Roadway Services Manager

Organization: Office of Production Management, INDOT

Phone Number: 232-5147

Date: 8/21/08













FDNY

CONCEPTUAL PROPOSAL ITEM

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6. SIGN IDENTIFICATION MARKING

CONCEPTUAL  
PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED:

Standard Drawing for Sign Identification Marking (802-SNGS-11) states that sheet for this should be reflectorized white background with black letters. Our Spec. 802.01 states that-"All sign shall be marked for Identification as shown on plans. The marking shall consist of a type II sheeting material, with a class I adhesive, shown on the Department's List of approved Sign sheeting Materials". Our approved material list does not have white color in Type II sheet. Also, Type II reflective sheet has less life than Sign face.

PROPOSED SOLUTION: In order to keep the life of the reflective sheet of Identification marking same as of Sign face, I propose a change in our Spec. 802.01 to use reflective sheet type III or more in place of type II

APPLICABLE STANDARD SPECIFICATIONS: 802.01

APPLICABLE STANDARD DRAWINGS: 802-SNGS-11

APPLICABLE DESIGN MANUAL SECTION:

APPLICABLE SECTION OF GIFE:

APPLICABLE RECURRING SPECIAL PROVISIONS:

Submitted By: Larry Rust

Title: Supervisor, Traffic Control Section  
Highway Operations Division

Organization: INDOT

Phone Number: 317-232-5549

Date: 8.13.2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? This is considered a minor change not needing subcommittee action.

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: INDOT has had past problems with borrow pits placed in direct conflict with future roadway alignments.

PROPOSED SOLUTION: Create a Contract Specific (fill in the blank) Recurring Special Provision to require that planned borrow sites be located outside of right-of-way limits.

APPLICABLE STANDARD SPECIFICATIONS: Section 203

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: New GIFE 203

APPLICABLE RECURRING SPECIAL PROVISIONS:

Submitted By: Michael A. Milligan (Thru Ron Heustis)

Title: Specifications Engineer

Organization: Office of Construction Technical Support  
Division of Construction Management

Phone Number: 317 232 5353

Date: 8-21-2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? 100 Specification Subcommittee

Dennis Kuchler, Co-Chair	State Construction Engineer INDOT, Const. Mgmt.
Steve Thieroff, Co-Chair	INDOT, Field Engr., Div. of Const. Mgmt.
Paul Berebitsky	Indiana Construction Association
Bob Cales	INDOT, Director, Contract Administration
Tony DeSimone	FHWA, Transportation Engineer
Ron Heustis	INDOT, Mgr., Const. Tech. Support, Const. Mgmt.
Von Luhmann	INDOT, Seymour Dist. Const. Project Engineer
Mike Milligan	INDOT, Spec. Engr., Div. of Const. Mgmt.
Jack Riggs	INDOT, Claims Administrator Attorney
Don Thornton	INDOT, Crawfordsville Dist. Const. Area Engr.
David Unkefer	FHWA, Engineering Services Team Leader

## NEW RECURRING SPECIAL PROVISION

(Adopted 09-18-08)

## 203-R-XXX LOCATION OF PROJECT BORROW SITES

The borrow pit location(s) shall be located outside the planned right-of-way of the \_\_\_\_\_ project and will be approved by the Engineer. The alignment and planned right-of-way limits for the \_\_\_\_\_ project are as shown in the contract documents.

Other sections containing  
specific cross references:

None

Recurring Special Provisions  
potentially affected:

See Above

Motion: M

Second: M

Ayes:

Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

None

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

\_\_\_ RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ 20\_\_ Design Manual

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_

## NEW RECURRING SPECIAL PROVISION

12-01-08

## 914-R-555 CERTIFICATION OF SOD

(A 08-27-08)

The Standard Specifications are revised as follows:

SECTION 914, BEGIN LINE 283, DELETE AND INSERT AS FOLLOWS:

Nursery sod shall meet applicable requirements as set out above and shall be a variety or blend of Kentucky bluegrass or fescue. It shall comply with nursery inspections and plant quarantine regulations of the states of origin and destination as well as with Federal regulations governing interstate movement of nursery stock. ~~A valid copy of the certification of nursery inspection shall accompany each shipment~~ *Material furnished under this specification shall be covered by a type C certification in accordance with 916.*

Other sections containing  
specific cross references:

None

Recurring Special Provisions  
potentially affected:

See Above

Motion: M

Second: M

Ayes:

Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

None

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ 20\_\_ Design Manual

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_



PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Both sections 104.02b and 105.01 address suspension of work by the Engineer but are in conflict concerning the Contractor's ability to request additional compensation for work suspended by order of the Engineer.

PROPOSED SOLUTION: Revise 105.01 to avoid conflict with 104.02b.

APPLICABLE STANDARD SPECIFICATIONS: Sections 104.02b and 105.01.

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: New GIFE 105

APPLICABLE RECURRING SPECIAL PROVISIONS: None

Submitted By: Michael A. Milligan (thru Dennis Kuchler)

Title: Specifications Engineer

Organization: Division of Construction Management

Phone Number: 317-232-5353

Date: 8-21-2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? 100 Specification Subcommittee

Dennis Kuchler, Co-Chair	State Construction Engineer INDOT, Const. Mgmt.
Steve Thieroff, Co-Chair	INDOT, Field Engr., Div. of Const. Mgmt.
Paul Berebitsky	Indiana Construction Association
Bob Cales	INDOT, Director, Contract Administration
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Ron Heustis	INDOT, Mgr., Const. Tech. Support, Const. Mgmt.
Von Luhmann	INDOT, Seymour Dist. Const. Project Engineer
Mike Milligan	INDOT, Spec. Engr., Div. of Const. Mgmt.
Jack Riggs	INDOT, Claims Administrator Attorney
Don Thornton	INDOT, Crawfordsville Dist. Const. Area Engr.
David Unkefer	FHWA, Engineering Services Team Leader

## REVISION TO 2008 STANDARD SPECIFICATIONS

SECTION 105, BEGIN LINE 10, DELETE AND INSERT AS FOLLOWS:

The Engineer will have the authority to suspend the work wholly or in part for failure to carry out provisions of the contract; for failure to carry out orders; for such periods as may be deemed necessary due to unsuitable weather; for conditions considered unsuitable for prosecution of the work; or for any other condition or reason deemed to be in the public interest. ~~In the case of such a~~ Any suspension ~~no additional payment will be made.~~ of work will be in accordance with 104.02(b). Work shall not be suspended without written authority from the Engineer.

Other sections containing  
specific cross references:

None

Recurring Special Provisions  
potentially affected:

None

Motion: M  
Second: M  
Ayes:  
Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

None

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The specifications do not currently have language to specifically address maintenance and repair of local roads on haul routes used by contractors on INDOT projects.

PROPOSED SOLUTION: Revise 107.08 to require that the contract bidders contact local government agencies in writing where haul roads are contemplated. Also revise 107.08 to state that these routes shall be maintained and repaired as necessary to preserve the preexisting quality of the road(s) used as haul routes.

APPLICABLE STANDARD SPECIFICATIONS: Section 107.08

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: New GIFE 107, existing GIFE 3-13.

APPLICABLE RECURRING SPECIAL PROVISIONS: N/A

Submitted By: Michael A. Milligan (Thru Ron Heustis)

Title: Specifications Engineer

Organization: Office of Construction Technical Support  
Division of Construction Management

Phone Number: 317 232 5353

Date: 8-21-2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT? 100 Specification Subcommittee

Dennis Kuchler, Co-Chair	State Construction Engineer INDOT, Const. Mgmt.
Steve Thieroff, Co-Chair	INDOT, Field Engr., Div. of Const. Mgmt.
Paul Berebitsky	Indiana Construction Association
Bob Cales	INDOT, Director, Contract Administration
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Von Luhmann	INDOT, Seymour Dist. Const. Project Engineer
Mike Milligan	INDOT, Spec. Engr., Div. of Const. Mgmt.
Jack Riggs	INDOT, Claims Administrator Attorney
Don Thornton	INDOT, Crawfordsville Dist. Const. Area EngR.
David Unkefer	FHWA, Engineering Services Team Leader

## REVISION TO 2008 STANDARD SPECIFICATIONS

## SECTION 107, BEGIN LINE 289, INSERT AS FOLLOWS:

The local governmental agencies for each jurisdiction in the State have the legal authority to establish load limits on their roads. Prior to submitting a bid, each bidder shall contact the local governmental agency in which the use of roads is contemplated and confirm allowable routing of bidder's equipment. *These roads shall be designated as haul routes for the project. The designation shall be made in writing to the local government agencies responsible for the care of such roads. The Engineer shall be provided a copy of this documentation at least 7 days prior to the use of the haul routes. These routes shall be maintained and repaired as necessary to stay in a condition equal to that prior to hauling.*

Other sections containing  
specific cross references:

106.05 page 60  
107.07 page 66  
801.03 page 605  
801.04 page 607  
801.06 page 621  
805.03 page 645

Recurring Special Provisions  
potentially affected:

None

Motion: M  
Second: M  
Ayes:  
Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

None

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ 20\_\_ Design Manual

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: Removal of material specification note (Note 2) from standard drawing 807-LTFD-09.

PROPOSED SOLUTION: Insert material specification from standard drawing into 920.01(g). Renumber existing 920.01(g) Shop Drawings to 920.01(h) Shop Drawings.

APPLICABLE STANDARD SPECIFICATIONS: 920.01

APPLICABLE STANDARD DRAWINGS: 807-LTFD-09

APPLICABLE DESIGN MANUAL SECTION: None

APPLICABLE SECTION OF GIFE: None

APPLICABLE RECURRING SPECIAL PROVISIONS: None

Submitted By: Anne Rearick

Title: Manager, Office of Structural Services

Organization: INDOT

Phone Number: 317-232-5152

Date: August 22, 2008

APPLICABLE SUB-COMMITTEE ENDORSEMENT?

REVISION TO STANDARD DRAWING

807-LTFD-09, CONVENTIONAL LIGHT FOUNDATION FOR 33" CONCRETE MEDIAL WALL  
INSTALLATION

Other sections containing  
specific cross references:

None

Recurring Special Provisions  
potentially affected:

None

Motion: M

Second: M

Ayes:

Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

SEE ABOVE

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

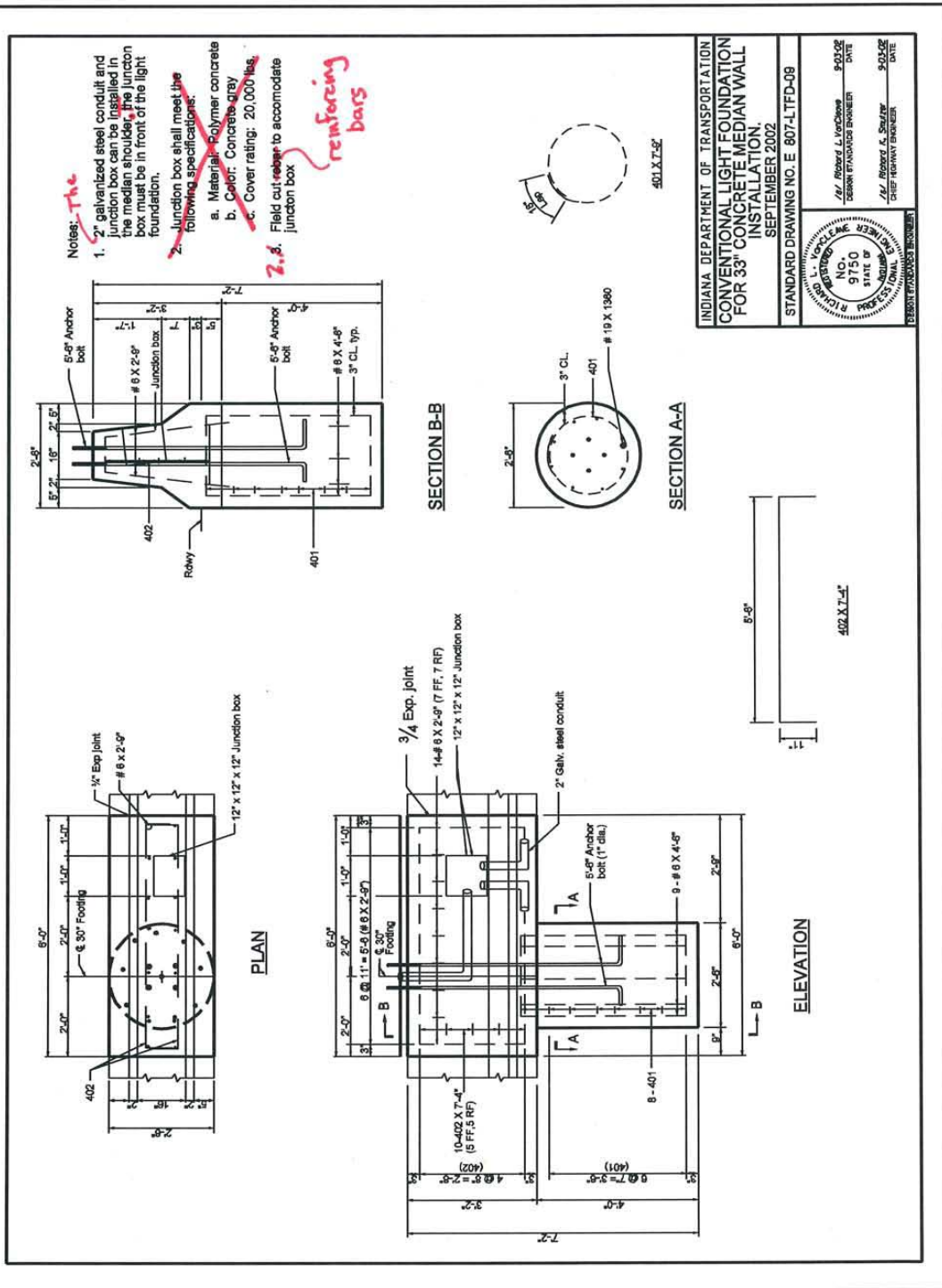
\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_



## REVISION TO 2008 STANDARD SPECIFICATIONS

SECTION 920, BEGIN LINE 360, DELETE AND INSERT AS FOLLOWS:

The external drive system shall be capable of operating all high mast pole installations. Shop drawings shall be furnished in accordance with 920.01~~(g)~~ (h) and shall include the dimensions and the wiring diagram of the standard connections of the external drive system. The external drive system shall be mounted on a two wheel cart with wheels at least 12 in. (300 mm) in diameter and the weight shall be distributed so that it presents a balance load.

Other sections containing  
specific cross references:

None

Recurring Special Provisions  
potentially affected:

None

Motion: M  
Second: M  
Ayes:  
Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

807-LTFD-09

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_



## REVISION TO 2008 STANDARD SPECIFICATIONS

SECTION 920, AFTER LINE 615, DELETE AND INSERT AS FOLLOWS:

**(g) Junction Box**

*The junction box shall be polymer concrete, of concrete-gray color, with a cover rating of 20,000 lb (9072 kg).*

**~~(g)~~ (h) Shop Drawings**

Other sections containing  
specific cross references:

920.01(b)7 Pg 864

Recurring Special Provisions  
potentially affected:

None

Motion: M  
Second: M  
Ayes:  
Nays:

General Instructions to Field Employees

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Frequency Manual

Update Required? Y\_\_\_ N\_\_\_

By - Addition or Revision

Standard Sheets potentially affected:

807-LTFD-09

Action: Passed as submitted; revised

\_\_\_ RSP Effective: \_\_\_\_\_ Letting

RSP Sunset Date: \_\_\_\_\_

\_\_\_ RPD Effective: \_\_\_\_\_ Letting

\_\_\_ 20\_\_ Standard Specifications Book

\_\_\_ 20\_\_ Standards Edition

\_\_\_ Technical Advisory

Withdrawn \_\_\_\_\_

Received FHWA Approval? \_\_\_\_\_